

Indoor Fiber Distribution

900um Fiber Optic Distribution Cables

Available in Single or Multi Fiber Modes

For Use Building Backbones, Horizontal Cabling, and Work Station Drops

Available in Both Riser and Plenum Rated Jackets



Tii Technologies Inc.

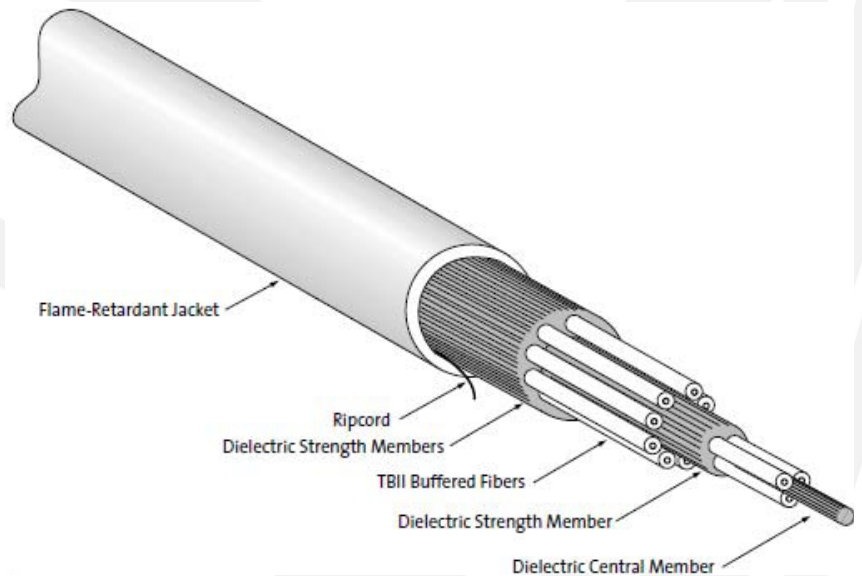
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Tii's indoor tight buffer 900um distribution cable is designed for routing inside buildings, data centers, telecommunications rooms and work stations. They are available in both riser and plenum rated jackets. Assemblies are factory terminated to length to save considerable time and money by eliminating the need for field terminations.

KEY PRODUCT BENEFITS

- ▶ 2-24 fiber distribution
- ▶ Tight buffer 900um fiber strands
- ▶ Available with 2mm furcated legs for direct equipment termination
- ▶ Available with pulling grip installed

Indoor Fiber Cables

SPECIFICATIONS

Property	2 Fiber	4 Fiber	6 Fiber	12 Fiber	24 Fiber
Diameter (in)	.020	0.22	0.22	0.24	0.32
Weight (lb/1,000ft)	16	18	20	40	70
Min Bend Radius Loaded/Installed (in)	3.0/2.1	3.0/2.1	3.0/2.1	3.6/2.4	4.6/3.1
Max Loading Short Term/Installed (lb)	99/30	99/30	99/30	99/30	148/45
Operational Temperature Range	0° to +70° C				
Fiber Code	R	K	C	S	
Fiber Type Singlemode	Singlemode	MM62.5 OM1	MM50 OM2	MM50 OM3	
Wavelength (nm)	1310/1550	850/1300	850/1300	850-1300	
Maximum Attenuation (dB/km)	1.0/0.75	3.5/1.0	3.5/1.5	3.0/1.5	
Serial Gigabit Distance (m)	5000/-	300/550	600/600	1000/600	
Serial 10 Gigabit Distance (m)	10000/40000	33/-	82/-	300/-	
Flame Rating	Available in OFNR (FT-4) or OFNP (FT-6)				
Insertion Loss	Singlemode <=0.3dB, Multimode <=0.4dB				
Back Reflection	Singlemode <=-55dB, Multimode <=-25dB				

ORDERING INFORMATION

X	X	D9	-X	X	XXXX	XXX	X	XXXX
Mode	Fibers	Rating	Jacket Color	Connectors	Length	UOM	Optional	
R = SM 8.3 SMF28e	2 = 2	R = Riser	1 = Blue (N)	FC = FC	3 Digit, e.g. 001	N = Inches	PE = Pulling Grip	
N = SM Bend Insensitive	4 = 4 6 = 6	P = Plenum	2 = Orange (K,C) 3 = Green	FA = FC APC LC = LC		F = Feet C = Centimeters	08 = 18" Breakout 05 = 25" Breakout	
K = MM62.5 OM1	B = 12		4 = Brown	LA = LC APC		M = Meters	F8 = 2mm Furcation 18"	
C = MM50 OM2	F = 24		7 = Red	MM = MTRJ (with pins)			F5 = 2mm Furcation 25"	
S = MM50 OM3			8 = Black 9 = Yellow (R) A = Aqua (S)	SC = SC SA = SC APC ST = ST NA = Pigtail			F9 = 2mm Furcation 39"	